

This correspondence is being sent via express mail  
no. EL833457197US In an envelope addressed to the  
Assistant Commissioner of Patents, Washington, D.C.  
20231 on February 13, 2002



RECEIVED

FEB 22 2002

TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Frank Collart *et al.*

Serial No.: 09/533,466

Attorney Docket No. 21416/90042

Filing Date: March 23, 2000

Title: USE OF THE CRYSTAL STRUCTURE  
OF BACTERIAL IMP DEHYDROGENASE TO  
DESIGN INHIBITORS OF BACTERIAL  
GROWTH

Examiner: Amy Hartter

Art Unit: 1631

#191D  
Plunkett  
2/26/02  
(we)

AMENDMENT AND RESPONSE TO OFFICE ACTION  
MAILED OCTOBER 15, 2001

Assistant Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

This amendment is filed in response to the Office Action mailed October 15, 2001. Please enter the following amendments and consider the following remarks. A petition for a one-month extension of time until February 15, 2002 is filed concurrently with the required fee.

AMENDMENTS

In the Claims

Please amend the following claims:

3. (Amended) [The crystal of claim 1] A crystal of IMPDH (ionisine monophosphate dehydrogenase) isolated from a bacterial preparation wherein the bacterial preparation is a pure culture of *Streptococcus pyogenes*.

4. (Twice Amended) A method for designing inhibitors [developing lead compounds for an inhibitor] of bacterial IMPDH (inosine monophosphate dehydrogenase), said method comprising:

- a. obtaining a crystal of bacterial IMPDH;
- b. recording x-ray diffraction data from said crystal;
- c. using said diffraction data to generate an electron density map consistent

DO NOT ENTER  
AM, 3-22-02